Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 14 Feb 2021 until 23:59 on Monday 15 Feb 2021

Forecast Issued on Sunday 14 Feb 2021 at 02:08

Confidence: High for turning milder and remaining unsettled through the period, but lowering confidence in the timing and extend of the worst of the conditions for next week.

Headline for Sunday 14 Feb 2021: Unsettled with bands of snow then rain crossing the area. Severe gale force winds across higher summits. Dangerous conditions with drifting and severe wind chill, then quite extensive hill fog.

Mountain weather hazards on Sunday 14 Feb 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow	Heavy snow	Sleet	Heavy Rain	Drizzle
Precipitation probability					
20%	30%	70%	70%	80%	80%

Forecast for Sunday 14 Feb 2021

Weather: A very windy, cloudy and unsettled day of change. Patchy light snow and perhaps freezing rain through to mid-morning creating very hazardous conditions as there is a risk of a glaze of ice forming on all surfaces. Heavier area of snow and rain crossing from the west from late morning, which turns to rain at all levels from around mid-afternoon, with outbreaks becoming patchy and light again for the evening.

Chance of cloud free mountain/hill tops above 600m: Near-nil throughout.

Visibility: Generally a handful of kilometres in snow and rain, less in heavier snow and cloud becoming extensive above 400m from late morning, potentially falling to near valley floors during the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 14 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/47 SE	37/53 SE	38/51 SE	39/54 S	38/55 S	30/45 S	25/37 S
300	30/42 SE	33/49 SE	33/48 SE	31/45 S	27/39 S	22/34 S	18/27 S
Valley	13/33 SE	20/44 SE	21/45 SE	18/42 S	15/35 S	11/28 S	9/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-10	-0/-9	-1/-10	1/-7	3/-5	3/-3	4/-2
300	-0/-8	0/-8	1/-7	2/-5	3/-3	4/-1	5/0
Valley	0/-5	1/-5	2/-4	3/-3	4/-1	5/1	6/2
Freezing Level*	00m	100m	300m	1800m	2000m	1900m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Potentially dangerous conditions at first with risk blizzards, drifting of lying snow and severe wind chill at height, with gusts reaching 60mph at times across most exposed ridges and summits. Also later with the hill fog becoming extensive from late morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 13 Feb 2021	N/A	N/A	N/A

Forecast for Monday 15 Feb 2021

Weather: Rather cloudy with some patchy outbreaks of light rain crossing sporadically from the west.

Maximum wind: South or southwest mean 15-20mph with gusts reaching 30-35mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 40%

Visibility: Moderate or good, lowering to a few kilometres in rain, less in cloud with bases quite extensive from 500-700m.

Temperature: **Valleys:** Minus 2 Celsius rising 11 Celsius during the afternoon
At 600m: Plus 3-5 Celsius
Freezing level: Above summits

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